

Appl. No. 10/538,437
Reply to Office Action of January 19, 20007

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A UV-setting ink-jet ink comprising color materials, UV-polymeric compound containing a radical polymeric compound, and photo-induced polymerization initiator in a water-based medium, wherein a concentration of oxygen dissolved in the ink is 0.1 to 2 ppm at 25°C.
2. (Original) An ink-jet recording method for forming images by ejecting UV-setting ink-jet ink which dissolves oxygen of 0.1 to 2 ppm in the ink at 25°C onto a base material and applying ultraviolet lights to the ink on the base material.
3. (Previously presented) The UV-setting ink-jet ink of claim 1, wherein the concentration of oxygen dissolved in the ink is 0.5 to 2 ppm at 25°C.
4. (Previously presented) The UV-setting ink-jet ink of claim 1, wherein the UV-polymeric compound contains a radical polymeric

Appl. No. 10/538,437
Reply to Office Action of January 19, 20007

compound.

5. (Previously presented) The ink-jet recording method of claim 2, wherein the concentration of oxygen dissolved in the ink is 0.5 to 2 ppm at 25°C.

6. Cancelled

7. (Previously presented) The ink-jet recording method of claim 2, further comprising a step of preserving the concentration of oxygen dissolved in the ink within 0.1 to 2 ppm at 25°C by employing a material to shut off air for an ink supply system.